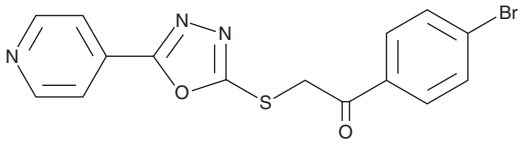
PRODUCT INFORMATION

FAK-IN-10

Item No. 46709

CAS Registry No.: 491839-65-7
Formal Name: 1-(4-bromophenyl)-2-[[5-(4-pyridinyl)-1,3,4-oxadiazol-2-yl]thio]-ethanone
Synonyms: FAK Inhibitor 10, Focal Adhesion Kinase-IN-10, Focal Adhesion Kinase Inhibitor 10, WAY-320461
MF: $C_{15}H_{10}BrN_3O_2S$
FW: 376.2
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

FAK-IN-10 is supplied as a solid. A stock solution may be made by dissolving the FAK-IN-10 in the solvent of choice, which should be purged with an inert gas. FAK-IN-10 is sparingly soluble (1-10 mg/ml) in DMSO.

Description

FAK-IN-10 is a focal adhesion kinase (FAK) inhibitor (IC_{50} = 76.3 µM).[1] It inhibits cell growth in A431 squamous carcinoma and MCF-7 breast cancer cells (IC_{50}s = 0.78 and 4.23 µM, respectively).

Reference

1. Zhang, L.-R., Liu, Z.-J., Zhang, H., *et al.* Synthesis, biological evaluation and molecular docking studies of novel 2-(1,3,4-oxadiazol-2-ylthio)-1-phenylethanone derivatives. *Bioorg. Med. Chem.* **20(11)**, 3615-3621 (2012).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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